

not RCRA

5E001-A0403

NFA-MYW
2/23/88

no haz substance

SITE DESCRIPTION/EXECUTIVE SUMMARY

Site Name and Location

Dow Chem Pere Marquette Twp
Meyers and Sixth Street
Ludington, Michigan 49431

County: Mason
Michigan Code Number: 18N18W24
DNR District: Cadillac
EPA ID Number: MID 006016919

SAS Score/Screen No.:

MID 980 993 018

The Dow Chemical Pere Marquette Twp site began operating in the early 1940's. The site was purchased by the Federal Government Defense Corporation to produce Magnesium Chloride. Dow was contracted to operate the facility.

The dewatering waste was placed in a lagoon which was bordered by ditches. The ditches drained into a stream 1/2 mile away. The Pere Marquette River is also 1/2 mile away. Surface water samples detected chlorides ranging from 4 mg/l to 13,500 mg/l. Groundwater flow appears to be in the direction of the Pere Marquette river.

Both the Department of Health and the Department of Natural Resources have had complaints about contaminated wells in the area. A new well was put down 44 feet and showed 28,905 mg/l chlorides.

Plans were on the way to divert the waste to Lake Michigan but information about implementation is unknown.

Follow Up Recommendation for EPA

This site receives a no further action priority for inspection as chlorides are not a hazardous substance for CERCLA and RCRA.

RECEIVED

DEC 11 1987

Pre-Remedial
Unit

US EPA RECORDS CENTER REGION 5



429383

Date of Previous Summary:
Previous Author:

Current Date: 7/16/87
Author: Ignatius Ojong/
P. Johannes

Site Assessment Unit
Environmental Response Division
Michigan Dept. of Natural Resources

00825



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
26 MI0940993018

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Dow Chem Pere Marquette Twp Meyers and Sixth St		02 STREET ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER	
03 CITY Ludington	04 STATE MI	05 ZIP CODE 49431	06 COUNTY Mason
07 COUNTY CODE 105		08 CONG DIST 09	
09 COORDINATES LATITUDE 43° 56' 55"		LONGITUDE 86° 24' 25"	
10 DIRECTIONS TO SITE (Starting from nearest public road) From Lansing take Highway 27N to 10W to Ludington (about 158 miles) to corner of Meyers/Sixth St.		18N 18W 24	

III. RESPONSIBLE PARTIES

01 OWNER (if known) Federal government defense corporation		02 STREET (Business, mailing, residential) Meyers and Sixth Street	
03 CITY Ludington	04 STATE MI	05 ZIP CODE 49431	06 TELEPHONE NUMBER 16168454411
07 OPERATOR (if known and different from owner) Dow Chemical USA		08 STREET (Business, mailing, residential) Meyers and 6th street	
09 CITY Ludington	10 STATE MI	11 ZIP CODE 49431	12 TELEPHONE NUMBER 1616845-4411
13 TYPE OF OWNERSHIP (Check one) A. PRIVATE <input type="checkbox"/> B. FEDERAL <input checked="" type="checkbox"/> Fed. Govt. defense Corp. <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: <input type="checkbox"/> G. UNKNOWN			

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 105(c)) DATE RECEIVED: MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 08.13.80 <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: <input type="checkbox"/>	
CONTRACTOR NAME(S):			

02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION BEGINNING YEAR 1940 ENDING YEAR 1 <input checked="" type="checkbox"/> UNKNOWN
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04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

High levels of chloride and magnesium, specifically magnesium hydroxide solids and dissolved calcium chloride

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Contamination of ground water and surface water
Contamination of residential wells.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste inventories and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on next available date) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Dan Darnell	02 OF (Agency/ Organization) MDNR - Cadillac District	03 TELEPHONE NUMBER 1616775-9728
04 PERSON RESPONSIBLE FOR ASSESSMENT Pete Johannes/Ignatius Ojong	05 AGENCY MDNR	06 ORGANIZATION EPD
07 TELEPHONE NUMBER 5171373-4800	08 DATE MONTH DAY YEAR	